

ABSTRACT

A method for production of silicone membranes for architectural use which includes: depositing at least one layer of a polyorganosiloxane (POS) emulsion on an architectural textile, followed by crosslinking by polyaddition to give an elastomer such that the weight proportion of the coating as a proportion of the dry weight of the architectural textile is less than 0.2. The (POS) emulsion includes: (A) a POS with =SiVinyl groups, (B) a POS with =SiH groups, (C) a special adherence promoter (polyvinyl alcohol) or POS(OH), (D) a catalyst, (E) at least one surface active agent, (F) optionally a POS resin with =SiVinyl groups, (G) optionally a crosslinking inhibitor, (H) optionally a pH stabilizing agent, (I) optionally a formulation additive, (J) optionally a filler and (K) water, such that the percentage by weight of adherence promoter (C) with respect to the silicone phase is from 0.005 to 10%.